



# ADVANCED MONITORING AND DETECTION SPECIALTY-NFPA 472 TRAINING OPPORTUNITY

This three-day course provides technician level responders assigned to advanced monitoring and detection at hazardous materials/WMD incidents with the knowledge and skills to perform the tasks in a safe and effective manner. The course is designed to focus on the technologies of the device and how they function. Students will learn how to use the devices tactically and how to interpret the readings while focusing on risk-based response. The course will challenge technicians with hands-on training experience.

Chemical, biological, and radiological monitoring will be discussed. A variety of instruments will be used during the course, including four gas detector with photo ionization detector, flame ionization detector, biological testing devices, colorimetric indicators, radiation detection and measurement instruments, Raman spectroscopy, Fourier transform infrared (FTIR), and more. This course will meet or exceed NFPA 472 (2018 edition), Chapter 19, Competencies for Hazardous Materials Technicians with an Advanced Monitoring and Detection Specialty. This course is specifically designed for hazardous materials technicians (29 CFR 1910.120). This course meets or exceeds all competencies covered in the Air Monitoring for Hazardous Materials EPA 165.4 course and is considered an equivalent.

**Prerequisites:** Hazardous Materials Technician

**Dates:** January 16-18, 2024

**Location:** MSP – EMHSTC in Lansing

**Cost:** \$300

**Registration:** [www.train.org/mi-train](http://www.train.org/mi-train) - Search Course ID 1087713

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